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August 19, 2003

ATTORNEY DOCKET NO. 03327.2305
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03914 U.S. PTO
10/642681
08/19/03

Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

New U.S. Patent Application
Title: DC-DC CONVERTER
Inventors: Nobuhiro KURIO and Takaya HASEBE

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 20 pages, including 1 independent claim and 5 claims total.
2. Drawings- 8 sheets of drawings containing 8 Figures.
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to NISSEN ELECTRIC CO., LTD..
5. Certified copy of Japanese Application No. 2002-242267, filed August 22, 2002.
6. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with document attached.
7. The filing fee is calculated as follows:

Basic Application Filing Fee					\$750	\$ 750.00
	Number of Claims		Basic	Extra Claims		
Total Claims	5	-	20	0	x \$18	
Independent Claims	1	-	3	0	x \$84	
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$280	
Subtotal					\$ 750.00	
Reduction by 1/2 if small entity					-	
TOTAL APPLICATION FILING FEE					\$ 750.00	

8. A check for \$790.00 is enclosed. The fee includes:

\$750.00 filing fee; and
\$40.00 Assignment recordation fee.

Applicants claim the right to priority based on Japanese Application No. 2002-242267, filed August 22, 2002.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.
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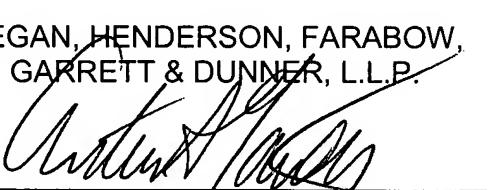
Please accord this application an application number and filing date and record and return the Assignment to the undersigned.

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: _____


Ernest F. Chapman
Reg. No. 25,961

EFC/FPD/peg
Enclosures